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OM protein - protein search, using sw model

Run on: December 8, 2004, 13:52:49 ; Search time 20 Seconds

(Without alignments)
19.895 Million cell updates/sec

Title: US-09-429-798A-1

Perfect score: 35

Sequence: 1 YGGFMK 6

Scoring table:

BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 6631800 residues

Total number of hits satisfying chosen parameters: 17104

Minimum DB seq length: 6
Maximum DB seq length: 6

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database:

Issued Patents AA:*

- 1: /cgn2_6/ptodata/1/1aa/5A COMB pep:*
- 2: /cgn2_6/ptodata/1/1aa/5B COMB pep:*
- 3: /cgn2_6/ptodata/1/1aa/6A COMB pep:*
- 4: /cgn2_6/ptodata/1/1aa/6B COMB pep:*
- 5: /cgn2_6/ptodata/1/1aa/PTCUS COMB pep:*
- 6: /cgn2_6/ptodata/1/1aa/backfile1 pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
1	35	100.0	6	4	US-09-134-803-1	Sequence 1, Appli
2	30	85.7	6	1	US-07-943-709-8	Sequence 8, Appli
3	30	85.7	6	1	US-07-943-709-9	Sequence 9, Appli
4	30	85.7	6	1	US-07-943-709-14	Sequence 14, Appli
5	29	82.9	6	4	US-09-493-902-2	Sequence 2, Appli
6	28	80.0	6	1	US-08-351-058A-9	Sequence 9, Appli
7	27	77.1	6	1	US-07-805-727-7	Sequence 7, Appli
8	27	77.1	6	1	US-07-718-577-5	Sequence 5, Appli
9	27	77.1	6	1	US-08-390-272-7	Sequence 7, Appli
10	27	77.1	6	1	US-07-943-709-11	Sequence 11, Appli
11	27	77.1	6	1	US-07-943-709-12	Sequence 12, Appli
12	27	77.1	6	1	US-07-943-709-17	Sequence 17, Appli
13	27	77.1	6	1	US-08-227-184A-4	Sequence 7, Appli
14	27	77.1	6	1	US-08-388-321-7	Sequence 7, Appli
15	27	77.1	6	1	US-08-466-632-7	Sequence 7, Appli
16	27	77.1	6	1	US-08-446-177-7	Sequence 7, Appli
17	27	77.1	6	3	US-09-063-936A-7	Sequence 7, Appli
18	27	77.1	6	3	US-09-490-580-7	Sequence 7, Appli
19	27	77.1	6	3	US-09-442-027-7	Sequence 7, Appli
20	27	77.1	6	4	US-08-348-471-7	Sequence 7, Appli
21	27	77.1	6	4	US-08-999-188-7	Sequence 7, Appli
22	27	77.1	6	4	US-09-043-877-22	Sequence 22, Appli
23	27	77.1	6	4	US-09-043-877-25	Sequence 25, Appli
24	27	77.1	6	4	US-09-465-126B-6	Sequence 6, Appli
25	27	77.1	6	4	US-09-063-933-7	Sequence 6, Appli
26	27	77.1	6	4	US-09-578-063-65	Sequence 65, Appli
27	26	74.3	6	2	US-08-448-219-3	Sequence 3, Appli

28	25	71.4	6	1	US-07-805-727-18	Sequence 18, Appli
29	25	71.4	6	1	US-07-718-577-7	Sequence 7, Appli
30	25	71.4	6	1	US-07-718-577-12	Sequence 12, Appli
31	25	71.4	6	1	US-07-718-577-22	Sequence 22, Appli
32	25	71.4	6	1	US-08-390-272-18	Sequence 18, Appli
33	25	71.4	6	1	US-07-943-709-10	Sequence 10, Appli
34	25	71.4	6	1	US-07-943-709-13	Sequence 13, Appli
35	25	71.4	6	1	US-07-943-709-16	Sequence 16, Appli
36	25	71.4	6	1	US-07-943-709-18	Sequence 18, Appli
37	25	71.4	6	1	US-07-943-709-24	Sequence 24, Appli
38	25	71.4	6	1	US-07-943-709-27	Sequence 27, Appli
39	25	71.4	6	1	US-08-388-321-18	Sequence 18, Appli
40	25	71.4	6	1	US-08-466-632-18	Sequence 18, Appli
41	25	71.4	6	1	US-08-446-177-18	Sequence 18, Appli
42	25	71.4	6	3	US-09-063-936A-18	Sequence 18, Appli
43	25	71.4	6	3	US-09-490-580-18	Sequence 18, Appli
44	25	71.4	6	3	US-09-442-027-18	Sequence 18, Appli
45	25	71.4	6	4	US-08-348-471-18	Sequence 18, Appli

ALIGNMENTS

RESULT 1
US-09-134-803-1
Sequence 1, Application US/09134803
Patent No. 6703381
GENERAL INFORMATION:
APPLICANT: Ekwuribe, Nnochiri N.
APPLICANT: Rhadakrishnan, Balasingam
APPLICANT: Price, Christopher H.
APPLICANT: Anderson, Wes
APPLICANT: Ansari, Aslam M.
TITLE OF INVENTION: Blood-Brain-Barrier Therapeutics
FILE REFERENCE: 4012-113
CURRENT APPLICATION NUMBER: US/09/134, 803
CURRENT FILING DATE: 1998-08-14
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentn Ver. 2.1
SEQ ID NO 1
LENGTH: 6
TYPE: PRT
ORGANISM: Homo sapiens
US-09-134-803-1

Query Match 100.0%; Score 35; DB 4; Length 6;
Best Local Similarly 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Gaps 0;
Indels 0

QY 1 YGGFMK 6
Db 1 YGGFMK 6

RESULT 2
US-07-943-709-8
Sequence 8, Application US/07943709
Patent No. 5556762
GENERAL INFORMATION:
APPLICANT: Pinilla, Clemencia
APPLICANT: Appel Jr., Jon R.
APPLICANT: Blondelle, Sylvie
APPLICANT: Dooley, Colette T.
APPLICANT: Eichler, Jutta
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
LIBRARIES: OLIGOPETIDE MIXTURE SETS HAVING ONE
TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
METHODS OF MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Dressler, Goldsmith, Shore, Sucker &
ADDRESSEE: Milnamow, Ltd.

STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gamson, Edward P
REGISTRATION NUMBER: 29,381
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Tyr-NH2."
US-07-943-709-8

Query Match 85.7%; Score 30; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 3
US-07-943-709-9
Sequence 9, Application US/07943709
Patent No. 5556762
GENERAL INFORMATION:
APPLICANT: Pinilla, Clemencia
APPLICANT: Appel Jr., Jon R.
APPLICANT: Blondelle, Sylvie
APPLICANT: Dooley, Colette T.
APPLICANT: Bichler, Yutta
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore, Suter &
ADDRESSEE: Milamow, Ltd.
STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gamson, Edward P
REGISTRATION NUMBER: 29,381
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Arg-NH2."
US-07-943-709-9

Query Match 85.7%; Score 30; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 4
US-07-943-709-14
Sequence 14, Application US/07943709
Patent No. 5556762
GENERAL INFORMATION:
APPLICANT: Pinilla, Clemencia
APPLICANT: Appel Jr., Jon R.
APPLICANT: Blondelle, Sylvie
APPLICANT: Dooley, Colette T.
APPLICANT: Bichler, Yutta
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore, Suter &
ADDRESSEE: Milamow, Ltd.
STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gamson, Edward P
REGISTRATION NUMBER: 29,381

TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Phe-NH2."
US-07-943-709-14

Query Match 85.7%; Score 30; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
DB 1 YGGFM 5

RESULT 5
US-09-493-902-2
Sequence 2, Application US/09493902
Patent No. 6476191
GENERAL INFORMATION:
APPLICANT: Pascal, Jeanick
APPLICANT: Moran, Michael
TITLE OF INVENTION: Volatilizable Solid Phase Supports for Compound
FILE REFERENCE: Volatilizable Solid Phase Supports
CURRENT APPLICATION NUMBER: US/09/493,902
EARLIER FILING DATE: 2000-01-28
EARLIER APPLICATION NUMBER: 60/119204
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-493-902-2

Query Match 82.9%; Score 29; DB 4; Length 6;
Best Local Similarity 66.7%; Pred. No. 3.8e+05;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 6
DB 1 YGGFM 6

RESULT 6
US-08-351-058A-9
Sequence 9, Application US/08351058A
Patent No. 5550215
GENERAL INFORMATION:
APPLICANT: Holmes, Christopher P.
TITLE OF INVENTION: Polymer Reversal on Solid Surfaces
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: USA

ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/351,058A
FILING DATE: 28-NOV-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/978,940
FILING DATE: 19-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,727
FILING DATE: 22-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Swies, Gerald F.
REGISTRATION NUMBER: 30,113
REFERENCE/DOCKET NUMBER: 000324-015
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-854-7400
TELEFAX: 415-854-8275
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-351-058A-9

Query Match 80.0%; Score 28; DB 1; Length 6;
Best Local Similarity 66.7%; Pred. No. 3.8e+05;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 6
DB 1 YGGFM 6

RESULT 7
US-07-805-727-7
Sequence 7, Application US/07805727
Patent No. 5424186
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Strayer, Lubert
APPLICANT: Pirung, Michael C.
APPLICANT: Read, J. Leighton
TITLE OF INVENTION: Very Large Scale Immobilized Polymer
FILE REFERENCE: Synthesis
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/805,727
FILING DATE: 19911206
ATTORNEY/AGENT INFORMATION:
NAME: No. 5424186v1el, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 11509A(1)11

TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-805-727-7

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||||
Db 1 YGGFL 5

RESULT 8
US-07-718-577-5
Sequence 5, Application US/07718577
Patent No. 5432018
GENERAL INFORMATION:
APPLICANT: Dower, William J.
APPLICANT: Cwirla, Steven E.
APPLICANT: Barrett, Ronald W.
TITLE OF INVENTION: PEPTIDE LIBRARY AND
TITLE OF INVENTION: SCREENING SYSTEMS
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend
STREET: One Market Plaza, Stewart Street
CITY: Tower
STATE: San Francisco
COUNTRY: USA
ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/718,577
FILING DATE: 19910620
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/541,108
FILING DATE: 20-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11509-25-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-718-577-5

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5

Db 1 YGGFM 5
|||||
Db 1 YGGFL 5

RESULT 9
US-08-390-272-7
Sequence 7, Application US/08390272
Patent No. 5489678
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Stryer, Lubert.
APPLICANT: Winkler, James L.
APPLICANT: Holmes, Christopher P.
APPLICANT: Solas, Dennis W.
TITLE OF INVENTION: Very Large Scale Immobilized Polymer
TITLE OF INVENTION: Synthesis
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vernon A. No. 5489678v1e1
STREET: One Market Plaza, Stewart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,272
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/624,120
FILING DATE: 06-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: No. 5489678v1e1, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 11509-28
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-390-272-7

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||||
Db 1 YGGFL 5

RESULT 10
US-07-943-709-11
Sequence 11, Application US/07943709
Patent No. 5556762
GENERAL INFORMATION:
APPLICANT: Pinilla, Clemencia
APPLICANT: Appel Jr., Jon R.
APPLICANT: Blondelle, Silvie
APPLICANT: Dooley, Colette T.
APPLICANT: Richler, Cutta
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL

TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore, Sutter &
ADDRESSEE: Milnamow, Ltd.
STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gansson, Edward P.
REGISTRATION NUMBER: 29,381
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Tyr-NH2."
US-07-943-709-11

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
DB 1 YGGFL 5

RESULT 11
US-07-943-709-12
Sequence 12, Application US/07943709
Patent No. 5556762
GENERAL INFORMATION:
APPLICANT: Pinilla, Clemencia
APPLICANT: Appel Jr., Jon R.
APPLICANT: Blondelle, Sylvie
APPLICANT: Dooley, Colette T.
APPLICANT: Eichler, Jutta
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore, Sutter &
ADDRESSEE: Milnamow, Ltd.
STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois

COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gansson, Edward P.
REGISTRATION NUMBER: 29,381
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Arg-NH2."
US-07-943-709-12

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
DB 1 YGGFL 5

RESULT 12
US-07-943-709-17
Sequence 17, Application US/07943709
Patent No. 5556762
GENERAL INFORMATION:
APPLICANT: Pinilla, Clemencia
APPLICANT: Appel Jr., Jon R.
APPLICANT: Blondelle, Sylvie
APPLICANT: Dooley, Colette T.
APPLICANT: Eichler, Jutta
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: SCANNING SYNTHETIC PEPTIDE COMBINATORIAL
TITLE OF INVENTION: LIBRARIES: OLIGOPEPTIDE MIXTURE SETS HAVING ONE
TITLE OF INVENTION: PREDETERMINED RESIDUE AT A SINGLE, PREDETERMINED POSITION,
TITLE OF INVENTION: METHODS OF MAKING AND USING THE SAME
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore, Sutter &
ADDRESSEE: Milnamow, Ltd.
STREET: 180 No. 5556762th Stetson, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/943,709
FILING DATE: 19920911

CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,551
FILING DATE: 19-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Gansson, Edward P
REGISTRATION NUMBER: 29,381
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
TELEFAX: (312) 616-5460
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: /note= "Xaa is Phe-NH2."
US-07-943-709-17

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||||
Db 1 YGGFL 5

RESULT 13
US-08-227-184A-4
Sequence 4, Application US/08227184A
Patent No. 5620958
GENERAL INFORMATION:
APPLICANT: CHERONIS, JOHN C
APPLICANT: BLODGETT, JAMES K
APPLICANT: WHALLEY, ERIC T
APPLICANT: ALLEN, LISA GAY
APPLICANT: EUBANKS, SHAD R
APPLICANT: NGUYEN, KHE T
TITLE OF INVENTION: BRADYKININ ANTAGONISTS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN DABRY & CUSHMAN
STREET: 1100 NEW YORK AVE., N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Tape
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/227,184A
FILING DATE: 13-APR-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/859,582
FILING DATE: 27-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: KOKULIS, PAUL N
REGISTRATION NUMBER: 16773
REFERENCE/DOCKET NUMBER: 94243/DKT.6
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944
TELEX: 6714627CUSH
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:

LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-227-184A-4

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||||
Db 1 YGGFL 5

RESULT 14
US-08-388-321-7
Sequence 7, Application US/08388321
Patent No. 5744101
GENERAL INFORMATION:
APPLICANT: Podor, Stephen P.A.
APPLICANT: Stryer, Lubert
APPLICANT: Winkler, James L.
APPLICANT: Holmes, Christopher P.
APPLICANT: Solas, Dennis W.
TITLE OF INVENTION: Photolabile Nucleoside Protecting
TITLE OF INVENTION: Groups
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vernon A. No. 5744101v1el
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,321
FILING DATE: --Herewith--
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: NO. 5744101v1el, Vernon A.
REGISTRATION NUMBER: 32,463
REFERENCE/DOCKET NUMBER: 16528X-000122
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-388-321-7

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||||
Db 1 YGGFL 5

RESULT 15
US-08-466-632-7
Sequence 7, Application US/08466632

Patent No. 5744305
GENERAL INFORMATION:
APPLICANT: Podor, Stephen P. A.
APPLICANT: Stryer, Lubert
APPLICANT: Winkler, James L.
APPLICANT: Holmes, Christopher P.
APPLICANT: Solas, Dennis W.
TITLE OF INVENTION: Very Large Scale Immobilized Polymer
TITLE OF INVENTION: Synthesis
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vernon A. No. 5744305v1e1
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,632
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: No. 5744305v1e1, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528J-000126
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-466-632-7

Query Match 77.1%; Score 27; DB 1; Length 6;
Best Local Similarity 80.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 YGGFM 5
|||:
Db 1 YGGFL 5

Search completed: December 8, 2004, 13:55:36
Job time: 21 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: December 8, 2004, 13:52:50 ; Search time 144 Seconds
(without alignments)
14.882 Million cell updates/sec

Title: US-09-429-798a-1
Perfect score: 35
Sequence: 1 YGGFMK 6

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 1585576 seqs, 357178320 residues
Total number of hits satisfying chosen parameters: 13576

Minimum DB seq length: 6
Maximum DB seq length: 6

Post-processing: Minimum Match 0%

Maximum Match 100%

Database:

Published Applications AA:*
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2: /cgn2_6/ptodata/1/pubppa/PCR_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubppa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubppa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubppa/US07_NEW_PUB.pep:*
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7: /cgn2_6/ptodata/1/pubppa/US08_NEW_PUB.pep:*
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9: /cgn2_6/ptodata/1/pubppa/US09_PUBCOMB.pep:*
10: /cgn2_6/ptodata/1/pubppa/US09_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubppa/US09_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubppa/US09_NEW_PUB.pep:*
13: /cgn2_6/ptodata/1/pubppa/US10_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubppa/US10_PUBCOMB.pep:*
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16: /cgn2_6/ptodata/1/pubppa/US10_PUBCOMB.pep:*
17: /cgn2_6/ptodata/1/pubppa/US10_NEW_PUB.pep:*
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20: /cgn2_6/ptodata/1/pubppa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	100.0	6	15	US-10-380-147-41	Sequence 41, App1
2	91.4	6	14	US-10-389-009-28	Sequence 28, App1
3	91.4	6	15	US-10-380-147-39	Sequence 39, App1
4	91.4	6	15	US-10-380-147-42	Sequence 42, App1
5	85.7	6	15	US-10-380-147-43	Sequence 43, App1
6	82.9	6	14	US-10-286-670-2	Sequence 2, App1
7	82.9	6	15	US-10-380-147-40	Sequence 40, App1
8	77.1	6	9	US-09-946-605-7	Sequence 7, App1
9	77.1	6	10	US-09-759-130B-435	Sequence 435, App1
10	77.1	6	13	US-10-014-716-7	Sequence 7, App1
11	77.1	6	13	US-10-042-431-65	Sequence 65, App1
12	77.1	6	14	US-10-259-391-7	Sequence 7, App1
13	77.1	6	14	US-10-190-951-7	Sequence 7, App1

14	27	77.1	6	14	US-10-033-195B-6	Sequence 6, App1
15	27	77.1	6	16	US-10-741-790-435	Sequence 435, App1
16	25	71.4	6	9	US-09-772-607-7	Sequence 7, App1
17	25	71.4	6	9	US-09-946-605-18	Sequence 18, App1
18	25	71.4	6	13	US-10-014-716-18	Sequence 18, App1
19	25	71.4	6	14	US-10-259-391-18	Sequence 18, App1
20	25	71.4	6	14	US-10-190-951-18	Sequence 18, App1
21	25	71.4	6	14	US-10-033-195B-16	Sequence 16, App1
22	22	62.9	6	15	US-10-192-407C-9	Sequence 9, App1
23	21	60.0	6	9	US-09-170-919-11	Sequence 11, App1
24	21	60.0	6	9	US-09-946-605-4	Sequence 4, App1
25	21	60.0	6	13	US-10-014-716-4	Sequence 4, App1
26	21	60.0	6	13	US-10-014-716-12	Sequence 12, App1
27	21	60.0	6	14	US-10-259-391-4	Sequence 4, App1
28	21	60.0	6	14	US-10-190-951-4	Sequence 4, App1
29	21	60.0	6	14	US-10-033-195B-3	Sequence 3, App1
30	21	60.0	6	14	US-10-033-195B-11	Sequence 11, App1
31	21	60.0	6	14	US-10-148-786A-51	Sequence 51, App1
32	21	60.0	6	13	US-10-014-716-3	Sequence 3, App1
33	21	60.0	6	13	US-10-156-820-57	Sequence 57, App1
34	21	60.0	6	14	US-10-190-951-3	Sequence 3, App1
35	20	57.1	6	15	US-10-290-748-3	Sequence 3, App1
36	20	57.1	6	15	US-10-454-566-4	Sequence 4, App1
37	20	57.1	6	10	US-09-997-961-36	Sequence 36, App1
38	20	57.1	6	13	US-10-014-716-16	Sequence 16, App1
39	20	57.1	6	14	US-10-259-391-16	Sequence 16, App1
40	20	57.1	6	14	US-10-190-951-16	Sequence 16, App1
41	19	54.3	6	9	US-09-946-605-16	Sequence 16, App1
42	19	54.3	6	10	US-09-997-961-36	Sequence 36, App1
43	19	54.3	6	13	US-10-014-716-16	Sequence 16, App1
44	19	54.3	6	14	US-10-259-391-16	Sequence 16, App1
45	19	54.3	6	14	US-10-190-951-16	Sequence 16, App1

ALIGNMENTS

RESULT 1
US-10-380-147-41
Sequence 41, Application US/10380147
Publication No. US20040072246A1
GENERAL INFORMATION:
APPLICANT: Martin, Roland
APPLICANT: Simon, Richard
APPLICANT: Zhao, Yingdong
APPLICANT: Gran, Bruno
APPLICANT: Pinilla, Clemencia
TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
FILE REFERENCE: MSCI.001APC
CURRENT APPLICATION NUMBER: US/10/380,147
CURRENT FILING DATE: 2003-10-22
PRIOR APPLICATION NUMBER: US 60/232,101
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: US 60/251,216
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: PCT/US01/42166
PRIOR FILING DATE: 2001-09-11
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 41
LENGTH: 6
TYPE: PRT
ORGANISM: H. sapiens
US-10-380-147-41

Query Match 100.0%; Score 35; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFMK 6
DB 1 YGGFMK 6

RESULT 2
US-10-289-009-28
; Sequence 28, Application US/10289009
; Publication No. US20030228700A1
; GENERAL INFORMATION:
; APPLICANT: Peters, Eric C.
; APPLICANT: Brock, Ansgar
; APPLICANT: Ericson, Christer
; APPLICANT: IMM LLC
; TITLE OF INVENTION: Labeling Reagent and Methods of Use
; FILE REFERENCE: 021288-000230US
; CURRENT APPLICATION NUMBER: US/10/289,009
; CURRENT FILING DATE: 2003-04-01
; PRIOR APPLICATION NUMBER: US 60/332,988
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: US 60/385,835
; PRIOR FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: US 60/410,382
; PRIOR FILING DATE: 2002-09-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: other model
; OTHER INFORMATION: polypeptide containing lysine at the C-terminus
US-10-289-009-28

Query Match 91.4%; Score 32; DB 14; Length 6;
Best Local Similarity 83.3%; Pred. No. 1.4e+06;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFMK 6
Db 1 YGGFLK 6

RESULT 3
US-10-380-147-39
; Sequence 39, Application US/10380147
; Publication No. US20040072246A1
; GENERAL INFORMATION:
; APPLICANT: Martin, Roland
; APPLICANT: Simon, Richard
; APPLICANT: Zhao, Yindong
; APPLICANT: Gran, Bruno
; APPLICANT: Pinilla, Clemencia
; TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
; FILE REFERENCE: MSCI.001APC
; CURRENT APPLICATION NUMBER: US/10/380,147
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US 60/232,101
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US 60/251,216
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: PCT/US01/42166
; PRIOR FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 6
; TYPE: PRT
; ORGANISM: H. sapiens
US-10-380-147-39

Query Match 91.4%; Score 32; DB 15; Length 6;
Best Local Similarity 83.3%; Pred. No. 1.4e+06;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFMK 6
Db 1 YGGFMR 6

RESULT 4
US-10-380-147-42
; Sequence 42, Application US/10380147
; Publication No. US20040072246A1
; GENERAL INFORMATION:
; APPLICANT: Martin, Roland
; APPLICANT: Simon, Richard
; APPLICANT: Zhao, Yindong
; APPLICANT: Gran, Bruno
; APPLICANT: Pinilla, Clemencia
; TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
; FILE REFERENCE: MSCI.001APC
; CURRENT APPLICATION NUMBER: US/10/380,147
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US 60/232,101
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US 60/251,216
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: PCT/US01/42166
; PRIOR FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42
; LENGTH: 6
; TYPE: PRT
; ORGANISM: H. sapiens
US-10-380-147-42

Query Match 91.4%; Score 32; DB 15; Length 6;
Best Local Similarity 83.3%; Pred. No. 1.4e+06;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFMK 6
Db 1 YGGFLK 6

RESULT 5
US-10-380-147-43
; Sequence 43, Application US/10380147
; Publication No. US20040072246A1
; GENERAL INFORMATION:
; APPLICANT: Martin, Roland
; APPLICANT: Simon, Richard
; APPLICANT: Zhao, Yindong
; APPLICANT: Gran, Bruno
; APPLICANT: Pinilla, Clemencia
; TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
; FILE REFERENCE: MSCI.001APC
; CURRENT APPLICATION NUMBER: US/10/380,147
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US 60/232,101
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US 60/251,216
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: PCT/US01/42166
; PRIOR FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43
; LENGTH: 6
; TYPE: PRT
; ORGANISM: H. sapiens
US-10-380-147-43

Query Match 85.7%; Score 30; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 6
US-10-286-670-2
; Sequence 2, Application US/10286670
; Publication No. US20030135024A1
; GENERAL INFORMATION:

APPLICANT: Pascal, Jeanick
APPLICANT: Moran, Michael
APPLICANT: Houghten, Richard A.
TITLE OF INVENTION: Volatilizable Solid Phase Supports for Compound
FILE REFERENCE: Volatilizable Solid Phase Supports
CURRENT APPLICATION NUMBER: US/10/286,670
CURRENT FILING DATE: 2002-11-01
PRIOR APPLICATION NUMBER: US/09/493,902
PRIOR FILING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: 60/119204
PRIOR FILING DATE: 1999-02-05
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-286-670-2

Query Match 82.9%; Score 29; DB 14; Length 6;
Best Local Similarity 66.7%; Pred. No. 1.4e+06;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 6
Db 1 YGGFM 6

RESULT 7
US-10-380-147-40
; Sequence 40, Application US/10380147
; Publication No. US20040072246A1
; GENERAL INFORMATION:
APPLICANT: Martin, Roland
APPLICANT: Simon, Richard
APPLICANT: Zhao, Yingdong
APPLICANT: Gran, Bruno
APPLICANT: Pillila, Clemencia
TITLE OF INVENTION: A SYSTEM AND METHOD FOR IDENTIFYING T
FILE REFERENCE: MSCI.001APC
CURRENT APPLICATION NUMBER: US/10/380,147
CURRENT FILING DATE: 2003-10-22
PRIOR APPLICATION NUMBER: US 60/232,101
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: US 60/251,216
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: PCT/US01/42166
PRIOR FILING DATE: 2001-09-11
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 40
LENGTH: 6
TYPE: PRT
ORGANISM: H. sapiens

US-10-380-147-40

Query Match 82.9%; Score 29; DB 15; Length 6;
Best Local Similarity 66.7%; Pred. No. 1.4e+06;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 6
Db 1 YGGFM 6

RESULT 8
US-09-946-605-7
; Sequence 7, Application US/09946605
; Patent No. US20020155589A1
; GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.
APPLICANT: Stryer, Lubert
APPLICANT: Winkler, James L.
APPLICANT: Holmes, Christopher P.
APPLICANT: Solas, Dennis W.
TITLE OF INVENTION: Very Large Scale Immobilized Polymer
SYNTHESIS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSER: Vernon A. No. US20020155589A1v1e1
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/946,605
FILING DATE: 05-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/466,632
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: No. US20020155589A1v1e1, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528J-000126
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-946-605-7

Query Match 77.1%; Score 27; DB 9; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 9
US-09-759-130B-435
; Sequence 435, Application US/09759130B
; Publication No. US20030022279A1

GENERAL INFORMATION:
APPLICANT: Millennium Pharmaceuticals, Inc.
APPLICANT: McCarthy, Sean A
APPLICANT: Fraser, Christopher C
APPLICANT: Sharp, John D
APPLICANT: Barnes, Thomas S
APPLICANT: Kirt, Susan J
APPLICANT: Mackay, Charles R
APPLICANT: Myers, Paul S
APPLICANT: Leiby, Kevin R
APPLICANT: Wrighton, Nicolas
APPLICANT: Goodheart, Andrew
APPLICANT: Holtzman, Douglas A
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
TITLE OF INVENTION: PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER
TITLE OF INVENTION: USES.
FILE REFERENCE: MPI00-5350NIM
CURRENT APPLICATION NUMBER: US/09/759,130B
CURRENT FILING DATE: 2002-09-16
PRIOR APPLICATION NUMBER: US 09/479,249
PRIOR FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/559,497
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 09/578,063
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: US 09/333,159
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: US 09/596,194
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: US 09/342,364
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/608,452
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/393,996
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 09/602,871
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: US 09/420,707
PRIOR FILING DATE: 1999-10-19
NUMBER OF SEQ ID NOS: 460
SOFTWARE: PatsEQ for Windows Version 4.0
SEQ ID NO 435
LENGTH: 6
TYPE: PRT
ORGANISM: Homo sapiens
US-09-759-130B-435

Query Match 77.1%; Score 27; DB 10; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGFM 5

RESULT 10
US-10-014-716-7
Sequence 7, Application US/10014716
Publication No. US20020137096A1
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Strayer, Hubert
APPLICANT: Pirrung, Michael C.
APPLICANT: Read, J. Leighton
APPLICANT: Hoeprich, Jr. Paul D.
TITLE OF INVENTION: Very Large Scale Immobilized
Polymer
Synthesis
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSER: Vern No. US20020137096A1v1el
STREET: One Market Plaza, Stewart Tower, Suite

2000
City: San Francisco
State: California
Country: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/014,716
FILING DATE: 14-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/348,471
FILING DATE: 30-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: No. US20020137096A1v1el
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528A-1-3-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-10-014-716-7

Query Match 77.1%; Score 27; DB 13; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
Db 1 YGFM 5

RESULT 11
US-10-042-431-65
Sequence 65, Application US/10042431
Publication No. US20020182675A1
GENERAL INFORMATION:
APPLICANT: MCCARTHY, Sean A
APPLICANT: BARNES, Thomas M
APPLICANT: FRASER, Christopher C
APPLICANT: SHARP, John D
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING DIAGNOSTIC,
TITLE OF INVENTION: PREVENTIVE, THERAPEUTIC, AND OTHER USES
FILE REFERENCE: 10147-602
CURRENT APPLICATION NUMBER: US/10/042,431
CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US 09/333,159
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: US 09/578,063
PRIOR FILING DATE: 2000-05-24
NUMBER OF SEQ ID NOS: 79
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 65
LENGTH: 6
TYPE: PRT
ORGANISM: Homo sapiens
US-10-042-431-65

Query Match 77.1%; Score 27; DB 13; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
| | | : |
Db 1 YGGFM 5

RESULT 12
US-10-259-391-7
Sequence 7, Application US/10259391
Publication No. US20030082831A1
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
Winkler, James L.
Strayer, Lubert
Holmes, Christopher P.
Solas, Dennis W.
TITLE OF INVENTION: Very Large Scale Immobilized Polymer
Synthesis
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vernon A. No. US20030082831A1v1e1
STREET: One Market Plaza, Stewart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/259,391
FILING DATE: 30-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/465,782
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: No. US20030082831A1v1e1, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528A-000127
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-10-259-391-7

Query Match 77.1%; Score 27; DB 14; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
| | | : |
Db 1 YGGFM 5

RESULT 13
US-10-190-951-7
Sequence 7, Application US/10109951
Publication No. US20030108899A1
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
Strayer, Lubert
Pitruong, Michael C.
Reed, J. Leighton
Hoepflich, Jr. Paul D.

TITLE OF INVENTION: Very Large Scale Immobilized
Polymer
Synthesis
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vern No. US20030108899A1v1e1
STREET: One Market Plaza, Stewart Tower, Suite
2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/190,951
FILING DATE: 08-Jul-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/348,471
FILING DATE: 30-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: No. US20030108899A1v1e1
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528A-1-3-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-10-190-951-7

Query Match 77.1%; Score 27; DB 14; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
| | | : |
Db 1 YGGFM 5

RESULT 14
US-10-033-195B-6
Sequence 6, Application US/10033195B
Publication No. US20030119008A1
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
Strayer, Lubert
Pitruong, Michael C.
TITLE OF INVENTION: Nucleotides and Analogs Having
Photoremovable Protecting Groups
FILE REFERENCE: 2719, 2002-001
CURRENT APPLICATION NUMBER: US/10/033,195B
FILING DATE: 2001-12-28
PRIOR APPLICATION NUMBER: 09/465,126
PRIOR FILING DATE: 1999-12-17
PRIOR APPLICATION NUMBER: 09/063,933
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 08/466,632
PRIOR FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: 08/390,272
PRIOR FILING DATE: 1995-02-16
PRIOR APPLICATION NUMBER: 07/624,120

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;; PRIOR FILING DATE: 1990-12-06
;; PRIOR APPLICATION NUMBER: 07/492,462
;; PRIOR FILING DATE: 1990-03-07
;; PRIOR APPLICATION NUMBER: 07/362,901
;; PRIOR FILING DATE: 1989-06-07
;; PRIOR APPLICATION NUMBER: 08/456,887
;; PRIOR FILING DATE: 1995-06-01
;; PRIOR APPLICATION NUMBER: 07/954,646
;; PRIOR FILING DATE: 1992-09-30
;; PRIOR APPLICATION NUMBER: 07/850,356
;; PRIOR FILING DATE: 1992-03-12
;; NUMBER OF SEQ ID NOS: 20
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO: 6
;; LENGTH: 6
;; TYPE: PRT
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic sequence for description of method
US-10-033-195B-6
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Query Match          77.1%; Score 27; DB 14; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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OY      1 YGFM 5
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Db       1 YGFL 5
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RESULT 15

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US-10-741-790-435
; Sequence 435, Application US/10741790
; Publication No. US20040121396A1
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GENERAL INFORMATION:

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;; APPLICANT: Millennium Pharmaceuticals, Inc.
;; APPLICANT: McCarthy, Sean A
;; APPLICANT: Frazer, Christopher C
;; APPLICANT: Sharp, John D
;; APPLICANT: Barnes, Thomas S
;; APPLICANT: Kirt, Susan J
;; APPLICANT: Mackay, Charles R
;; APPLICANT: Myers, Paul S
;; APPLICANT: Leiby, Kevin R
;; APPLICANT: Wrighton, Nicolas
;; APPLICANT: Goodearl, Andrew
;; APPLICANT: Holtzman, Douglas A
;; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
;; TITLE OF INVENTION: PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER
;; TITLE OF INVENTION: USES
;; FILE REFERENCE: MPIO0-535OMNIM
;; CURRENT APPLICATION NUMBER: US/10/741,790
;; CURRENT FILING DATE: 2003-12-19
;; PRIOR APPLICATION NUMBER: US 09/479,249
;; PRIOR FILING DATE: 2000-01-07
;; PRIOR APPLICATION NUMBER: US 09/559,497
;; PRIOR FILING DATE: 2000-04-27
;; PRIOR APPLICATION NUMBER: US 09/578,063
;; PRIOR FILING DATE: 2000-05-24
;; PRIOR APPLICATION NUMBER: US 09/333,159
;; PRIOR FILING DATE: 1999-06-14
;; PRIOR APPLICATION NUMBER: US 09/596,194
;; PRIOR FILING DATE: 2000-07-14
;; PRIOR APPLICATION NUMBER: US 09/342,364
;; PRIOR FILING DATE: 1999-06-29
;; PRIOR APPLICATION NUMBER: US 09/608,452
;; PRIOR FILING DATE: 2000-06-30
;; PRIOR APPLICATION NUMBER: US 09/393,396
;; PRIOR FILING DATE: 1999-09-10
;; PRIOR APPLICATION NUMBER: US 09/602,871
;; PRIOR FILING DATE: 2000-06-23
;; PRIOR APPLICATION NUMBER: US 09/420,707
;; PRIOR FILING DATE: 1999-10-19
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;; NUMBER OF SEQ ID NOS: 460
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO: 435
;; LENGTH: 6
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-741-790-435
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Query Match          77.1%; Score 27; DB 16; Length 6;
Best Local Similarity 80.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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OY      1 YGFM 5
        ||||:
Db       1 YGFM 5
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Search completed: December 8, 2004, 14:05:50
Job time : 145 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using SW model

Run on: December 8, 2004, 14:03:30 : Search time 139 Seconds
(Without alignments)
12.848 Million cell updates/sec

Title: US-09-429-798A-48
Perfect score: 30
Sequence: 1 YGFW 5

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1585576 seqs, 357178320 residues
Total number of hits satisfying chosen parameters: 12090

Minimum DB seq length: 5
Maximum DB seq length: 5

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubppa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubppa/PCR_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubppa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubppa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubppa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/1/pubppa/PCRUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/1/pubppa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/1/pubppa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/1/pubppa/US09_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/1/pubppa/US09_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubppa/US09C_PUBCOMB.pep.*
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- 17: /cgn2_6/ptodata/1/pubppa/US10_NEW_PUB.pep.*
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- 20: /cgn2_6/ptodata/1/pubppa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	ID	Description
1	30	100.0	5 9 US-09-823-114-1	Sequence 1, Appli
2	30	100.0	5 9 US-09-946-605-21	Sequence 21, Appli
3	30	100.0	5 13 US-10-050-9038-1	Sequence 1, Appli
4	30	100.0	5 13 US-10-014-716-21	Sequence 21, Appli
5	30	100.0	5 14 US-10-150-262-7	Sequence 7, Appli
6	30	100.0	5 14 US-10-259-391-21	Sequence 21, Appli
7	30	100.0	5 14 US-10-190-951-21	Sequence 21, Appli
8	30	100.0	5 14 US-10-033-195B-19	Sequence 19, Appli
9	30	100.0	5 14 US-10-197-954-92	Sequence 92, Appli
10	30	100.0	5 14 US-10-290-748-1	Sequence 1, Appli
11	30	100.0	5 14 US-10-146-999-6	Sequence 6, Appli
12	30	100.0	5 14 US-10-126-845-116	Sequence 116, Appli
13	30	100.0	5 15 US-10-448-163-1	Sequence 1, Appli

14	30	100.0	5 16 US-10-825-472-1	Sequence 1, Appli
15	30	100.0	5 17 US-10-659-000-9	Sequence 9, Appli
16	27	90.0	5 9 US-09-170-919-10	Sequence 10, Appli
17	27	90.0	5 9 US-09-804-866-1	Sequence 1, Appli
18	27	90.0	5 9 US-09-823-114-2	Sequence 2, Appli
19	27	90.0	5 9 US-09-946-605-1	Sequence 1, Appli
20	27	90.0	5 9 US-09-946-605-15	Sequence 15, Appli
21	27	90.0	5 13 US-10-014-716-1	Sequence 1, Appli
22	27	90.0	5 13 US-10-006-630-1	Sequence 5, Appli
23	27	90.0	5 14 US-10-150-262-5	Sequence 1, Appli
24	27	90.0	5 14 US-10-259-391-1	Sequence 1, Appli
25	27	90.0	5 14 US-10-259-391-15	Sequence 15, Appli
26	27	90.0	5 14 US-10-190-951-1	Sequence 1, Appli
27	27	90.0	5 14 US-10-033-195B-1	Sequence 1, Appli
28	27	90.0	5 14 US-10-197-954-89	Sequence 89, Appli
29	27	90.0	5 14 US-10-290-748-2	Sequence 2, Appli
30	27	90.0	5 14 US-10-146-999-5	Sequence 5, Appli
31	27	90.0	5 14 US-10-265-099-29	Sequence 29, Appli
32	27	90.0	5 14 US-10-126-845-115	Sequence 115, Appli
33	27	90.0	5 14 US-10-080-608A-164	Sequence 164, Appli
34	27	90.0	5 14 US-10-370-685-73	Sequence 73, Appli
35	27	90.0	5 15 US-10-448-163-7	Sequence 7, Appli
36	27	90.0	5 15 US-10-454-566-1	Sequence 1, Appli
37	27	90.0	5 15 US-10-167-627-64	Sequence 64, Appli
38	27	90.0	5 15 US-10-172-939A-1	Sequence 1, Appli
39	27	90.0	5 17 US-10-659-000-8	Sequence 8, Appli
40	27	90.0	5 17 US-10-858-226-29	Sequence 29, Appli
41	25	83.3	5 9 US-09-804-866-5	Sequence 5, Appli
42	25	83.3	5 9 US-09-823-114-25	Sequence 25, Appli
43	25	83.3	5 9 US-09-946-605-10	Sequence 10, Appli
44	25	83.3	5 13 US-10-014-716-10	Sequence 10, Appli
45	25	83.3	5 14 US-10-259-391-10	Sequence 10, Appli

ALIGNMENTS

RESULT 1
US-09-823-114-1
Sequence 1, Application US/09823114
Patent No. US20020061554A1
GENERAL INFORMATION:
APPLICANT: EVANS, CHRISTOPHER J.
KEYTH, DUANE E.
TITLE OF INVENTION: OPIOID RECEPTOR GENES
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSER: MORRISON & FOERSTER
STREET: 2000 PENNSYLVANIA AVENUE, NW, Suite 5500
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/823,114
FILING DATE: 29-Mar-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/148,351
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 22000-20526.22
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030 MRSNFOERSWSH

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-823-114-1

Query Match 100.0%; Score 30; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||||
DB 1 YGGFM 5

RESULT 2
US-09-946-605-21
Sequence 21, Application US/09946605
Patent No. US2002015558A1

GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
Stryer, Lubert
Winkler, James L.
Holmes, Christopher P.
Solias, Dennis W.

TITLE OF INVENTION: Very large scale Immobilized Polymer
Synthesis

NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:

ADDRESSEE: Vernon A. No. US2002015558A1v1e1
STREET: One Market Plaza, Stewart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/946,605
FILING DATE: 05-Sep-2001

CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/466,632
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:

NAME: No. US2002015558A1v1e1, Vernon A.
REGISTRATION NUMBER: 32,483

REFERENCE/DOCKET NUMBER: 165280-000126
TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 21:

US-09-946-605-21

Query Match 100.0%; Score 30; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||||

DB 1 YGGFM 5

RESULT 3
US-10-050-903B-1

Sequence 1, Application US/10050903B
Publication No. US20020132777A1

GENERAL INFORMATION:

APPLICANT: Zimmer, Robert A.

TITLE OF INVENTION: Compositions and Methods for Enhanced Pharmacological Activity Th
TITLE OF INVENTION: Oral and Parenteral Administration of Compositions Comprising Po

TITLE OF INVENTION: Substances and Other Poorly Absorbed Active Ingredients
FILE REFERENCE: 945505.019

CURRENT APPLICATION NUMBER: US/10/050,903B
CURRENT FILING DATE: 2003-01-30

PRIOR APPLICATION NUMBER: US 60/262,337
PRIOR FILING DATE: 2001-01-17

PRIOR APPLICATION NUMBER: US 60/332,636
PRIOR FILING DATE: 2001-11-06

PRIOR APPLICATION NUMBER: US 60/287,872
PRIOR FILING DATE: 2001-05-01

PRIOR APPLICATION NUMBER: US 60/287,886
PRIOR FILING DATE: 2001-05-01

NUMBER OF SEQ ID NOS: 1
SOFTWARE: Patentin version 3.1

SEQ ID NO 1
LENGTH: 5

TYPE: PRT
ORGANISM: Homo sapiens

US-10-050-903B-1

Query Match 100.0%; Score 30; DB 13; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
|||||
DB 1 YGGFM 5

RESULT 4
US-10-014-716-21

Sequence 21, Application US/10014716
Publication No. US20020137096A1

GENERAL INFORMATION:

APPLICANT: Fodor, Stephen P.A.
Stryer, Lubert
Pittung, Michael C.

Read, J. Leighton
Hoepflich, Jr. Paul D.

TITLE OF INVENTION: Very large scale Immobilized
Polymer
Synthesis

NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:

ADDRESSEE: Vern No. US20020137096A1v1e1
STREET: One Market Plaza, Stewart Tower, Suite
2000

CITY: San Francisco
STATE: California

COUNTRY: USA
ZIP: 94105

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/014,716
FILING DATE: 14-Dec-2001

CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/348,471

FILING DATE: 30-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: No. US20030137096A1v1e1
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528A-1-3-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-10-014-716-21

Query Match 100.0%; Score 30; DB 13; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 5
US-10-150-262-7
Sequence 7, Application US/10150262
Publication No. US20030049264A1
GENERAL INFORMATION:
APPLICANT: FOSTER, KEITH ALAN
APPLICANT: DUGGAN, MICHAEL JOHN
APPLICANT: SHONE, CLIFFORD CHARLES
TITLE OF INVENTION: CLOSTRIDIAL TOXIN DERIVATIVES ABLE TO MODIFY
TITLE OF INVENTION: PERIPHERAL
FILE REFERENCE: 023223/0104
CURRENT APPLICATION NUMBER: US/10/150,262
CURRENT FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: US/09/447,356
PRIOR FILING DATE: 1999-11-22
PRIOR APPLICATION NUMBER: 08/945,037
PRIOR FILING DATE: 1998-01-12
PRIOR APPLICATION NUMBER: GB 9508204.6
PRIOR FILING DATE: 1995-04-21
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 5
TYPE: PRT
ORGANISM: Homo sapiens
US-10-150-262-7

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 6
US-10-259-391-21
Sequence 21, Application US/10259391
Publication No. US20030082831A1
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Strayer, Lubert
APPLICANT: Winkler, James L.
APPLICANT: Holmes, Christopher P.

Solas, Dennis W.
TITLE OF INVENTION: Very Large Scale Immobilized Polymer
Synthesis
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vernon A. No. US20030082831A1v1e1
STREET: One Market Plaza, Stewart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/259,391
FILING DATE: 30-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/465,782
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: No. US20030082831A1v1e1, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528J-000127
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-10-259-391-21

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 7
US-10-190-951-21
Sequence 21, Application US/10190951
Publication No. US20030108899A1
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Strayer, Lubert
APPLICANT: Pittung, Michael C.
APPLICANT: Reed, J. Leighton
APPLICANT: Hoepflich, Jr. Paul D.
TITLE OF INVENTION: Very Large Scale Immobilized
Polymer
Synthesis
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vain No. US20030108899A1v1e1
STREET: One Market Plaza, Stewart Tower, Suite
2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/190,951
FILING DATE: 08-Jul-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/348,471
FILING DATE: 30-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: No. US20030108899A1v1e1
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528A-1-3-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-10-190-951-21

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 8
US-10-033-195B-19
Sequence 19, Application US/10033195B
Publication No. US20030119008A1
GENERAL INFORMATION:
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Stryer, Lubert
APPLICANT: Read, J. Leighton
APPLICANT: Pittung, Michael C.
TITLE OF INVENTION: Photoremovable and Analogs Having
TITLE OF INVENTION: Photoremovable Protecting Groups
FILE REFERENCE: 2719, 2002-001
CURRENT APPLICATION NUMBER: US/10/033,195B
CURRENT FILING DATE: 2001-12-28
PRIOR APPLICATION NUMBER: 09/465,126
PRIOR FILING DATE: 1999-12-17
PRIOR APPLICATION NUMBER: 09/063,933
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 08/466,632
PRIOR FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: 08/390,272
PRIOR FILING DATE: 1995-02-16
PRIOR APPLICATION NUMBER: 07/624,120
PRIOR FILING DATE: 1990-12-06
PRIOR APPLICATION NUMBER: 07/492,462
PRIOR FILING DATE: 1990-03-07
PRIOR APPLICATION NUMBER: 07/362,901
PRIOR FILING DATE: 1989-06-07
PRIOR APPLICATION NUMBER: 08/456,887
PRIOR FILING DATE: 1995-06-01
PRIOR APPLICATION NUMBER: 07/954,646
PRIOR FILING DATE: 1992-09-30
PRIOR APPLICATION NUMBER: 07/850,356
PRIOR FILING DATE: 1992-03-12
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 19

LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic sequence for description of method
US-10-033-195B-19

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 9
US-10-197-954-92
Sequence 92, Application US/10197954
Publication No. US20030119021A1
GENERAL INFORMATION:
APPLICANT: K'ater, Hubert
APPLICANT: Siddiqi, Suhail
APPLICANT: Little, Daniel
TITLE OF INVENTION: Capture Compounds, Collections Thereof
TITLE OF INVENTION: And Methods For Analyzing The Proteome And Complex
FILE REFERENCE: 24743-2305
CURRENT APPLICATION NUMBER: US/10/197,954
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: 60/306,019
PRIOR FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 60/314,123
PRIOR FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: 60/363,433
PRIOR FILING DATE: 2002-03-11
NUMBER OF SEQ ID NOS: 149
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 92
LENGTH: 5
TYPE: PRT
ORGANISM: Homo Sapien
US-10-197-954-92

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 10
US-10-290-748-1
Sequence 1, Application US/10290748
Publication No. US20030124672A1
GENERAL INFORMATION:
APPLICANT: EVANS, CHRISTOPHER J.
APPLICANT: KEITH, DUANE E.
TITLE OF INVENTION: OPIOID RECEPTOR GENES
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 PENNSYLVANIA AVENUE, NW, Suite 5500
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/290,748
FILING DATE: 07-NO. US20030124672A1-2002
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/405,271A
FILING DATE: 14-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: MORASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 22000-20526.22
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1560
TELEFAX: (202) 887-0763
TELEX: 90-4030 MRSNFORSMWSH
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-290-748-1

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
|||||
Db 1 YGFM 5

RESULT 11
US-10-146-999-6
Sequence 6, Application US/10146999
Publication No. US20030148942A1
GENERAL INFORMATION:
APPLICANT: Plotnikoff, Nicholas P.
TITLE OF INVENTION: Methods for Inducing Sustained Immune Response
FILE REFERENCE: 01-635-A
CURRENT APPLICATION NUMBER: US/10/146,999
CURRENT FILING DATE: 2002-12-13
PRIOR APPLICATION NUMBER: US 60/291,237
PRIOR FILING DATE: 2001-05-16
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
LENGTH: 5
TYPE: PRT
ORGANISM: Homo sapiens
US-10-146-999-6

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
|||||
Db 1 YGFM 5

RESULT 12
US-10-126-845-116
Sequence 116, Application US/10126845
Publication No. US20030181367A1
GENERAL INFORMATION:
APPLICANT: O'Mahony, Daniel J.
APPLICANT: Lambkin, Imelda J.
APPLICANT: Piniella, Clemencia
APPLICANT: Houghsen, Richard
TITLE OF INVENTION: MEMBRANE TRANSLOCATING PEPTIDE DRUG DELIVERY SYSTEM

FILE REFERENCE: B1067/20058
CURRENT APPLICATION NUMBER: US/10/126,845
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 119
SOFTWARE: Patentin version 3.1
SEQ ID NO 116
LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: opioid peptide
US-10-126-845-116

Query Match 100.0%; Score 30; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
|||||
Db 1 YGFM 5

RESULT 13
US-10-448-163-1
Sequence 1, Application US/10448163
Publication No. US20040014143A1
GENERAL INFORMATION:
APPLICANT: Haaskins, William
APPLICANT: Kennedy, Robert
APPLICANT: Powell, David
APPLICANT: Watson, Christopher
TITLE OF INVENTION: Method and Apparatus for Detecting and Monitoring Peptides, and
TITLE OF INVENTION: Peptides Identified Therewith
FILE REFERENCE: 01-321CX1
CURRENT APPLICATION NUMBER: US/10/448,163
CURRENT FILING DATE: 2003-05-29
PRIOR APPLICATION NUMBER: 60/384,874
PRIOR FILING DATE: 2002-05-30
PRIOR APPLICATION NUMBER: 60/384,447
PRIOR FILING DATE: 2002-05-29
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin version 3.2
SEQ ID NO 1
LENGTH: 5
TYPE: PRT
ORGANISM: Rattus norvegicus
US-10-448-163-1

Query Match 100.0%; Score 30; DB 15; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
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Db 1 YGFM 5

RESULT 14
US-10-825-472-1
Sequence 1, Application US/10825472
Publication No. US20040186058A1
GENERAL INFORMATION:
APPLICANT: Zimmer, Robert A.
TITLE OF INVENTION: Compositions and Methods for Enhanced Pharmacological Activity Th
TITLE OF INVENTION: Oral and Parenteral Administration of Compositions Comprising Po
FILE REFERENCE: 945505.019
CURRENT APPLICATION NUMBER: US/10/825,472
CURRENT FILING DATE: 2004-04-15
PRIOR APPLICATION NUMBER: US 60/262,337
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US 60/332,636
PRIOR FILING DATE: 2001-11-06

PRIOR APPLICATION NUMBER: US 60/287,872
PRIOR FILING DATE: 2001-05-01
PRIOR APPLICATION NUMBER: US 60/287,886
PRIOR FILING DATE: 2001-05-01
NUMBER OF SEQ ID NOS: 1
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 5
TYPE: PRT
ORGANISM: Homo sapiens
US-10-825-472-1

Query Match 100.0%; Score 30; DB 16; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 15
US-10-659-000-9
Sequence 9, Application US/10659000
Publication No. US20040209344A1
GENERAL INFORMATION:
APPLICANT: PANTOLIANO, MICHAEL W.
APPLICANT: RYAN, M. DOMINIC
APPLICANT: STAKER, BART LEE
APPLICANT: PRASAD, G. SRIDHAR
APPLICANT: TANG, JIN
APPLICANT: MENON, SAURABH PRABHAKAR
APPLICANT: TOWLER, PAUL S.
APPLICANT: WILLIAMS, DAVID H.
APPLICANT: FISHER, MARTIN
TITLE OF INVENTION: CRYSTAL STRUCTURE OF ANGIOTENSIN-CONVERTING ENZYME-RELATED
FILE REFERENCE: NMN/002
CURRENT APPLICATION NUMBER: US/10/659,000
CURRENT FILING DATE: 2003-09-09
PRIOR APPLICATION NUMBER: 60/410,010
PRIOR FILING DATE: 2002-09-09
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 9
LENGTH: 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: peptide
US-10-659-000-9

Query Match 100.0%; Score 30; DB 17; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

Search completed: December 8, 2004, 14:17:19
Job time: 149 secs

GenCore version 5.1.6
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OM protein - protein search, using SW model

Run on: December 8, 2004, 13:54:54 ; Search time 37 Seconds
(without alignments)
8.962 Million cell updates/sec

Title: US-09-429-798A-48
Perfect score: 30
Sequence: 1 YGFM 5

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 14629

Minimum DB seq length: 5
Maximum DB seq length: 5

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*
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3: /cgn2_6/ptodata/1/1aa/6A COMB.pep:*
4: /cgn2_6/ptodata/1/1aa/6B COMB.pep:*
5: /cgn2_6/ptodata/1/1aa/PTUS COMB.pep:*
6: /cgn2_6/ptodata/1/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	ID	Description
1	30	100.0	5 1 US-07-630-163B-1	Sequence 1, Appl1
2	30	100.0	5 1 US-07-992-288-1	Sequence 1, Appl1
3	30	100.0	5 1 US-07-989-764-1	Sequence 1, Appl1
4	30	100.0	5 1 US-08-034-930-2	Sequence 2, Appl1
5	30	100.0	5 1 US-07-805-727-21	Sequence 2, Appl1
6	30	100.0	5 1 US-08-184-935-5	Sequence 5, Appl1
7	30	100.0	5 1 US-08-390-772-21	Sequence 21, Appl1
8	30	100.0	5 1 US-08-067-387-24	Sequence 24, Appl1
9	30	100.0	5 1 US-08-375-777-4	Sequence 4, Appl1
10	30	100.0	5 1 US-08-428-488-4	Sequence 4, Appl1
11	30	100.0	5 1 US-08-462-859A-2	Sequence 2, Appl1
12	30	100.0	5 1 US-08-123-659A-2	Sequence 2, Appl1
13	30	100.0	5 1 US-08-464-247A-2	Sequence 2, Appl1
14	30	100.0	5 1 US-08-464-248A-2	Sequence 2, Appl1
15	30	100.0	5 1 US-08-406-935-4	Sequence 4, Appl1
16	30	100.0	5 1 US-08-388-321-21	Sequence 21, Appl1
17	30	100.0	5 1 US-08-466-632-21	Sequence 21, Appl1
18	30	100.0	5 1 US-08-446-177-21	Sequence 21, Appl1
19	30	100.0	5 2 US-08-723-423-33	Sequence 33, Appl1
20	30	100.0	5 2 US-08-411-859-5	Sequence 33, Appl1
21	30	100.0	5 3 US-08-709-435-33	Sequence 33, Appl1
22	30	100.0	5 3 US-08-633-410-33	Sequence 33, Appl1
23	30	100.0	5 3 US-09-063-936A-21	Sequence 33, Appl1
24	30	100.0	5 3 US-08-611-395-2	Sequence 2, Appl1
25	30	100.0	5 3 US-08-188-275A-12	Sequence 12, Appl1
26	30	100.0	5 3 US-08-387-707-1	Sequence 1, Appl1
27	30	100.0	5 3 US-08-711-426-33	Sequence 33, Appl1

28	30	100.0	5 3 US-08-157-562-5	Sequence 5, Appl1
29	30	100.0	5 3 US-09-490-580-21	Sequence 21, Appl1
30	30	100.0	5 3 US-08-669-252-33	Sequence 33, Appl1
31	30	100.0	5 3 US-09-442-027-21	Sequence 21, Appl1
32	30	100.0	5 3 US-09-447-356-7	Sequence 7, Appl1
33	30	100.0	5 4 US-08-348-471-21	Sequence 21, Appl1
34	30	100.0	5 4 US-08-405-271A-1	Sequence 1, Appl1
35	30	100.0	5 4 US-08-999-188-21	Sequence 1, Appl1
36	30	100.0	5 4 US-09-465-126B-19	Sequence 19, Appl1
37	30	100.0	5 4 US-09-063-933-21	Sequence 21, Appl1
38	30	100.0	5 4 US-09-428-692-9	Sequence 9, Appl1
39	30	100.0	5 5 PCT-US94-05796-24	Sequence 9, Appl1
40	30	100.0	5 6 5169865-7	Sequence 2, Appl1
41	27	90.0	5 1 US-07-694-981-2	Sequence 2, Appl1
42	27	90.0	5 1 US-07-630-163B-2	Sequence 2, Appl1
43	27	90.0	5 1 US-07-796-947-1	Sequence 1, Appl1
44	27	90.0	5 1 US-07-992-288-2	Sequence 2, Appl1
45	27	90.0	5 1 US-07-989-764-2	Sequence 2, Appl1

ALIGNMENTS

RESULT 1
US-07-630-163B-1
; Sequence 1, Application US/07630163B
; Patent No. 5276137
; GENERAL INFORMATION:
; APPLICANT: Ojima, Iwao
; APPLICANT: Nakahashi, Kazuaki
; TITLE OF INVENTION: Analgesic Peptides
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann & Baron
; STREET: 350 Jericho Turnpike
; CITY: Jericho
; STATE: New York
; COUNTRY: United States of America
; ZIP: 11753
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 5.25 inch, 360 Kbit
; COMPUTER: IBM XT Compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/630,163B
; FILING DATE: 19901218
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 02-158890
; FILING DATE: June 18, 1990
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 Amino Acids
; TYPE: AMINO ACID
; TOPOLOGY: Linear
; US-07-630-163B-1
; US-07-630-163B-1
Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
CY 1 YGFM 5
Db 1 YGFM 5
RESULT 2
US-07-992-288-1
; Sequence 1, Application US/07992288
; Patent No. 5338831
; GENERAL INFORMATION:
; APPLICANT: Leibel, Michael

APPLICANT: Eichler, Jutta
APPLICANT: Pokorny, Vít
APPLICANT: Jehnicka, Jiri
APPLICANT: Mudra, Petr
APPLICANT: Zenisek, Karel
APPLICANT: Stierandova, Alena
APPLICANT: Kalousek, Jan
TITLE OF INVENTION: METHOD OF MAKING MULTIPLE SYNTHESIS OF
TITLE OF INVENTION: PEPTIDES ON SOLID SUPPORT
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore & Milnamow, Ltd.
STREET: 180 No. 5338831th Stetson, Suite 4700
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/992,288
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/645,121
FILING DATE: 24-JAN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hoover, Allen J.
REGISTRATION NUMBER: 24,103
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5400
TELEFAX: (312)616-5460
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-992-288-1

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 3
US-07-989-764-1
Sequence 1, Application US/07989764
Patent No. 5342585
GENERAL INFORMATION:
APPLICANT: Lebel, Michal
APPLICANT: Eichler, Jutta
APPLICANT: Pokorny, Vít
APPLICANT: Jehnicka, Jiri
APPLICANT: Mudra, Petr
APPLICANT: Zenisek, Karel
APPLICANT: Stierandova, Alena
APPLICANT: Kalousek, Jan
TITLE OF INVENTION: APPARATUS FOR MAKING MULTIPLE SYNTHESIS
TITLE OF INVENTION: OF PEPTIDES ON SOLID SUPPORT
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore & Milnamow, Ltd.
STREET: 180 No. 5342585th Stetson, Suite 4700

CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/989,764
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/645,121
FILING DATE: 24-JAN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hoover, Allen J.
REGISTRATION NUMBER: 24,103
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)616-5400
TELEFAX: (312)616-5460
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-989-764-1

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 4
US-08-034-930-2
Sequence 2, Application US/08034930
Patent No. 5403824
GENERAL INFORMATION:
APPLICANT: D'Souza, Sharyn M.
APPLICANT: Ibbotson, Kenneth J.
TITLE OF INVENTION: Methods For The Treatment of
TITLE OF INVENTION: Osteoporosis
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Procter & Gamble Company
STREET: P. O. Box 398707
CITY: Cincinnati
STATE: Ohio
COUNTRY: U.S.A.
ZIP: 45239-8707
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/034,930
FILING DATE: 19930319
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Suter, David L.
REGISTRATION NUMBER: 30,692
REFERENCE/DOCKET NUMBER: Case 4835
TELECOMMUNICATION INFORMATION:
TELEPHONE: (513) 627-2912
TELEFAX: (513) 627-0260
INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-034-930-2

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 5
US-07-805-727-21
Sequence 21, Application US/07805727
Patent No. 5424186

GENERAL INFORMATION:
APPLICANT: Podor, Stephen P.A.
APPLICANT: Styer, Lubert
APPLICANT: Pittung, Michael C.
APPLICANT: Read, J. Leighton
TITLE OF INVENTION: Very Large Scale Immobilized Polymer
TITLE OF INVENTION: Synthesis
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vernon A. No. 5424186v1el
STREET: One Market Plaza, Stewart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/805.727
FILING DATE: 19911206
CLASSIFICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: No. 5424186v1el, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 11509A(1)11
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-805-727-21

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 6
US-08-184-935-5
Sequence 5, Application US/08184935
Patent No. 5476770
GENERAL INFORMATION:

APPLICANT: PRADELLES, PHILIPPE
TITLE OF INVENTION: IMMUNOMETRIC DETERMINATION OF AN ANTIGEN
TITLE OF INVENTION: OR HAPTEN
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESS: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/184,935
FILING DATE: 24-JAN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5476770man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 846-286-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR

INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-184-935-5

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 7
US-08-390-272-21

Sequence 21, Application US/08390272
Patent No. 5489678
GENERAL INFORMATION:
APPLICANT: Podor, Stephen P.A.
APPLICANT: Styer, Lubert
APPLICANT: Winkler, James L.
APPLICANT: Holmes, Christopher P.
APPLICANT: Solas, Dennis W.
TITLE OF INVENTION: Very Large Scale Immobilized Polymer
TITLE OF INVENTION: Synthesis
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vernon A. No. 5489678v1el
STREET: One Market Plaza, Stewart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,272

FILING DATE: 536
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/624,120
FILING DATE: 06-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: No. 5489678v1el, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 11509-28
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-390-272-21

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
|||||
Db 1 YGFM 5

RESULT 8

US-08-067-387-24
Sequence 24, Application US/08067387
Patent No. 5491074

GENERAL INFORMATION:
APPLICANT: Aldwin, Lois
APPLICANT: Madden, Mark
APPLICANT: Stemmer, W.P.C.
TITLE OF INVENTION: Association Peptides
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Hourie and Crew
STREET: One Market Plaza, Stuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/067,387
FILING DATE: 24-MAY-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/043,459
FILING DATE: 01-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11509-92
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide

US-08-067-387-24

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
|||||
Db 1 YGFM 5

RESULT 9

US-08-375-777-4
Sequence 4, Application US/08375777
Patent No. 5571786

GENERAL INFORMATION:
APPLICANT: Bibl, Johann
APPLICANT: Pichler, Ludwig
APPLICANT: Schwarz, Hans Peter
APPLICANT: Turecek, Peter
TITLE OF INVENTION: THE USE OF PROTEIN C OR ACTIVATED
TITLE OF INVENTION: PROTEIN C FOR PREPARING A PHARMACEUTICAL PREPARATION
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: BRUMBAUGH, GRAVES, DONOHUE & RAYMOND
STREET: 30 ROCKEFELLER PLAZA
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10112-0228
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/375,777
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Seide, Rochelle K.
REGISTRATION NUMBER: 32,300
REFERENCE/DOCKET NUMBER: A28677-FWC-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-408-2626
TELEFAX: 212-765-2519
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Peptide
LOCATION: 1..5
US-08-375-777-4

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 YGFM 5
|||||
Db 1 YGFM 5

US-08-428-488-4

Sequence 4, Application US/08428488
Patent No. 5624894
GENERAL INFORMATION:
APPLICANT: BODOR, Nicholas S.
TITLE OF INVENTION: BRAIN-ENHANCED DELIVERY OF NEUROACTIVE

TITLE OF INVENTION: PEPTIDES BY SEQUENTIAL METABOLISM
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/428,488
FILING DATE: 27-APR-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Baumeister, Mary Katherine
REGISTRATION NUMBER: 26,254
REFERENCE/DOCKET NUMBER: 028724-087
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: /note= "Position 1 = H-Tyr."
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: /note= "Position 5 = Met-OH."
US-08-428-488-4
Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 YGFM 5
DB 1 YGFM 5
RESULT 11
US-08-462-859A-2
Sequence 2, Application US/08462859A
Patent No. 5652092
GENERAL INFORMATION:
APPLICANT: Jacobsen, J. S.
APPLICANT: Vittek, M. P.
TITLE OF INVENTION: No. 5652092 Amyloid Precursor and Method of
TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation
TITLE OF INVENTION: of B-Amyloid Peptide
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: United States
ZIP: 07470-8426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,859A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Barnhard, Elizabeth M.
REGISTRATION NUMBER: 31,088
REFERENCE/DOCKET NUMBER: 31,844-04
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 831-3246
TELEFAX: (201) 831-3305
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-462-859A-2
Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 YGFM 5
DB 1 YGFM 5
RESULT 12
US-08-123-659A-2
Sequence 2, Application US/08123659A
Patent No. 5656477
GENERAL INFORMATION:
APPLICANT: Jacobsen, J. S.
APPLICANT: Vittek, M. P.
TITLE OF INVENTION: No. 5656477 Amyloid Precursor and Method of
TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation
TITLE OF INVENTION: of B-Amyloid Peptide
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Anne Rosenblum
STREET: 163 Delaware Avenue, Suite 212
CITY: Delmar
STATE: New York
COUNTRY: U.S.A.
ZIP: 12054
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/123,659A
FILING DATE: 20-SEP-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rosenblum, Anne M.
REGISTRATION NUMBER: 30,419
REFERENCE/DOCKET NUMBER: 31,844-01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (518) 475-0611
TELEFAX: (518) 475-0619
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-123-659A-2
Query Match 100.0%; Score 30; DB 1; Length 5;

Best Local Similarity 100.0%; Pred. No. 3.8e+05; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 13

US-08-464-247A-2
Sequence 2, Application US/08464247A
Patent No. 5693478
GENERAL INFORMATION:
APPLICANT: Jacobsen, J. S.
TITLE OF INVENTION: No. 5693478e1 Amyloid Precursor and Method of
TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate Formation
TITLE OF INVENTION: of B-Amyloid Peptide
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Campus Drive
CITY: Parsippany
STATE: New Jersey
COUNTRY: United States
ZIP: 07054
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,247A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Barnhard, Elizabeth M.
REGISTRATION NUMBER: 31,088
REFERENCE/DOCKET NUMBER: 31,844-03
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-683-4117
TELEFAX: 201-683-2158
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-464-247A-2

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0;

STREET: One Cyanamid Plaza

CITY: Wayne

STATE: New Jersey

COUNTRY: United States

ZIP: 07470-8426

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/464,248A

FILING DATE: 05-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Barnhard, Elizabeth M.

REGISTRATION NUMBER: 31,088

REFERENCE/DOCKET NUMBER: 31,844-02

TELECOMMUNICATION INFORMATION:

TELEPHONE: (201) 831-3246

TELEFAX: (201) 831-3305

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-464-248A-2

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.8e+05; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0;

QY 1 YGGFM 5
Db 1 YGGFM 5

RESULT 15

US-08-406-935-4
Sequence 4, Application US/08406935
Patent No. 5707648
GENERAL INFORMATION:
APPLICANT: Seang H. Yiv
TITLE OF INVENTION: Transparent Liquid for
TITLE OF INVENTION: Encapsulating Drug Delivery
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
ADDRESS: No. 57076481s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/406,935
FILING DATE: 17-MAY-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/13394
FILING DATE: 16-NOV-1994
APPLICATION NUMBER: 885,202
FILING DATE: May 20, 1992
ATTORNEY/AGENT INFORMATION:
NAME: David R. Bailey
REGISTRATION NUMBER: 35,057

REFERENCE/DOCKET NUMBER: AFBI-0349
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acid residues
TYPE: Amino Acid
STRANDEDNESS:
TOPOLOGY: Unknown
MOLECULE TYPE: Peptide
US-08-406-935-4

Query Match 100.0%; Score 30; DB 1; Length 5;
Best Local Similarity 100.0%; Pred. NO. 3.8e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 YGFM 5
Db 1 YGFM 5

Search completed: December 8, 2004, 14:06:32
Job time : 37 secs

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